

=> FIL STNGUIDE	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	130.45	217.56
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	-3.12	-3.12

FILE 'STNGUIDE' ENTERED AT 11:26:44 ON 13 MAR 2007
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 AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Mar 9, 2007 (20070309/UP).

=> d his full

(FILE 'HOME' ENTERED AT 11:02:36 ON 13 MAR 2007)

FILE 'REGISTRY' ENTERED AT 11:02:49 ON 13 MAR 2007
 L1 1 SEA TAMOXIFEN/CN
 D L1

FILE 'WPIDS' ENTERED AT 11:10:27 ON 13 MAR 2007
 L2 4 SEA TAMOXIFEN (P) HYDROALCOHOLIC
 D L2 1-4 BIB,KWIC
 L3 1 SEA HYDROALCOHOLIC AND DANAZOL
 D L3 BIB,KWIC
 L4 282 SEA HYDROALCOHOLIC/AB
 L5 0 SEA L4 AND DANAZOL

FILE 'REGISTRY' ENTERED AT 11:15:34 ON 13 MAR 2007
 L6 1 SEA DANAZOL/CN
 D L6

FILE 'WPIDS' ENTERED AT 11:15:51 ON 13 MAR 2007
 L7 282 SEA HYDROALCOHOLIC/AB
 L8 0 SEA L7 AND L6

FILE 'ADISCTI, ADISINSIGHT, ADISNEWS, BIOSIS, BIOTECHNO, CAPLUS, DDFB,
 DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ESBIOBASE,
 IFIPAT, IMSDRUGNEWS, IMSPRODUCT, IPA, JICST-EPLUS, KOSMET, LIFESCI,
 MEDLINE, NAPRALERT, NLDB, NUTRACEUT, PASCAL, ...' ENTERED AT 11:16:17 ON
 13 MAR 2007

L9 6618 SEA DANAZOL/AB
 L10 69 SEA L9 AND (TOPICAL OR EXTERNAL)/AB
 L11 49 SEA L10 AND PD<2004
 L12 22 DUP REM L11 (27 DUPLICATES REMOVED)
 L13 1 SEA L12 AND (BREAST)
 D L13 BIB,KWIC
 D L12 1-22 BIB,AB

FILE 'STNGUIDE' ENTERED AT 11:26:44 ON 13 MAR 2007

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file
 provided by InfoChem.

STRUCTURE FILE UPDATES: 12 MAR 2007 HIGHEST RN 926069-79-6
DICTIONARY FILE UPDATES: 12 MAR 2007 HIGHEST RN 926069-79-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

FILE WPIDS

FILE LAST UPDATED: 5 MAR 2007 <20070305/UP>
MOST RECENT THOMSON SCIENTIFIC UPDATE: 200716 <200716/DW>
DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE

>>> YOU ARE IN THE NEW AND ENHANCED DERWENT WORLD PATENTS INDEX <<<

>>> New display format FRAGHITSTR available <<<

SEE ONLINE NEWS and

http://www.stn-international.de/archive/stn_online_news/fraghitstr_ex.pdf

>>> IPC Reform reclassification data for the backfile is being loaded into the database during of January 2007.
There will not be any update date (UP) written for the reclassified documents, but they can be identified by 20060101/UPIC. <<<

FOR A COPY OF THE DERWENT WORLD PATENTS INDEX STN USER GUIDE,
PLEASE VISIT:

http://www.stn-international.de/training_center/patents/stn_guide.pdf

FOR DETAILS OF THE PATENTS COVERED IN CURRENT UPDATES, SEE
<http://scientific.thomson.com/support/patents/coverage/latestupdates/>

PLEASE BE AWARE OF THE NEW IPC REFORM IN 2006, SEE
http://www.stn-international.de/stndatabases/details/ipc_reform.html and
<http://scientific.thomson.com/media/scpdf/ipcrdwpi.pdf>

>>> FOR DETAILS ON THE NEW AND ENHANCED DERWENT WORLD PATENTS INDEX
PLEASE SEE
http://www.stn-international.de/stndatabases/details/dwpi_r.html <<<

FILE ADISCTI

FILE COVERS 1998 TO 9 Mar 2007 (20070309/ED)

FILE LAST UPDATED: 9 MAR 2007 (20070309/ED)

Reloaded 27 Aug. 2006; enter HELP RLOAD for details.

FILE ADISINSIGHT

FILE COVERS 1998 TO 8 Mar 2007 (20070308/ED)

FILE LAST UPDATED: 8 MAR 2007 (20070308/ED)

FILE ADISNEWS

FILE COVERS 1983 TO 13 Mar 2007 (20070313/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE BIOSIS

FILE COVERS 1969 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 7 March 2007 (20070307/ED)

FILE BIOTECHNO

FILE LAST UPDATED: 7 JAN 2004 <20040107/UP>

FILE COVERS 1980 TO 2003.

>>> BIOTECHNO IS NO LONGER BEING UPDATED AS OF 2004 <<<

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION AVAILABLE IN /CT AND BASIC INDEX <<<

FILE CAPLUS

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FILE COVERS 1907 - 13 Mar 2007 VOL 146 ISS 12
FILE LAST UPDATED: 11 Mar 2007 (20070311/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

FILE DDFB

>>> FILE COVERS 1964 TO 1982 - CLOSED FILE <<<

FILE DGENE

FILE LAST UPDATED: 9 MAR 2007 <20070309/UP>

DGENE CURRENTLY CONTAINS 8,504,840 BIOSEQUENCES

>>> ONLINE THESAURUS AVAILABLE IN /PACO <<<

>>> DOWNLOAD THE DGENE WORKSHOP MANUAL:

http://www.stn-international.de/training_center/bioseq/dgene_wm.pdf

>>> DOWNLOAD COMPLETE DGENE HELP AS PDF:

http://www.stn-international.de/training_center/bioseq/dgene_help.pdf <<

>>> DOWNLOAD DGENE BLAST/GETSIM FREQUENTLY ASKED QUESTIONS:

<http://www.stn-international.de/service/faq/dgenefaq.pdf> <<<

FILE DISSABS

FILE COVERS 1861 TO 26 FEB 2007 (20070226/ED)

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FILE DRUGB

>>> FILE COVERS 1964 TO 1982 - CLOSED FILE <<<

FILE DRUGMONOG2

FILE IS CURRENT THROUGH 20 Feb 2007 (20070220/ED)

```
#####
#           !!! ATTENTION !!!
#
# Welcome to DRUGMONOG2. This file is available to all users.
# To access drug pricing information, use DRUGMONOG, accessible
# only to pharmaceutical organizations for reasons of
# confidentiality.
#
# If you already have subscription status on any of the IMSworld#
# files on STN and belong to a pharmaceutical organization, you #
# should automatically have access to DRUGMONOG. If you belong #
# to a pharmaceutical organization and would like to use #
# DRUGMONOG, please contact your STN Help Desk. If you do not #
# need pricing information, use DRUMONOG2.
#
# See HELP SUBSCRIPTION for more information.
#####
#
```

FILE DRUGU

FILE LAST UPDATED: 9 MAR 2007 <20070309/UP>
>>> DERWENT DRUG FILE (SUBSCRIBER) <<<

>>> FILE COVERS 1983 TO DATE <<<
>>> THESAURUS AVAILABLE IN /CT <<<

FILE EMBAL

FILE COVERS CURRENT RECORDS AND IS UPDATED DAILY
FILE LAST UPDATED: 12 MAR 2007 (20070312/ED)

FILE EMBASE

FILE COVERS 1974 TO 12 Mar 2007 (20070312/ED)

EMBASE is now updated daily. SDI frequency remains weekly (default)
and biweekly.

This file contains CAS Registry Numbers for easy and accurate
substance identification.

FILE ESBIOBASE

FILE LAST UPDATED: 13 MAR 2007 <20070313/UP>
FILE COVERS 1994 TO DATE.

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION AVAILABLE IN
/CC, /ORGN, AND /ST <<<

FILE IFIPAT

FILE COVERS 1950 TO PATENT PUBLICATION DATE: 8 Mar 2007 (20070308/PD)
FILE LAST UPDATED: 12 Mar 2007 (20070312/ED)
HIGHEST GRANTED PATENT NUMBER: US7188369
HIGHEST APPLICATION PUBLICATION NUMBER: US2007056070
UNITERM INDEXING IS AVAILABLE IN THE IFIUDB FILE
UNITERM INDEXING LAST UPDATED: 15 Feb 2007 (20070215/UP)
INDEXING CURRENT THROUGH PAT PUB DATE: 28 Nov 2006 (20061128/PD)

IFIPAT reloaded on 2/25/07. Enter HELP RLOAD for details.

FILE IMSDRUGNEWS

FILE COVERS 1995 TO 9 Mar 2007 (20070309/ED)

```
#####
#           !!! ATTENTION !!!
#
#   Welcome to IMSDRUGNEWS. This is the Drug News file from
#   IMSworld Publications.
#
#   For detailed information regarding the printed version
#   of this file, please contact IMS HEALTH Customer Services
#   directly by phone at +44(0)20-7393-5888, or email
#   globaldirect@uk.imshealth.com.
#
#   See HELP SUBSCRIPTION for more information.
#####
#
```

This file contains CAS Registry Numbers for easy and accurate substance identification.

The file name was changed from DRUGNL to IMSDRUGNEWS on 7 Dec. 2003.
The file name DRUGNL is now an alias for IMSDRUGNEWS.

FILE IMSPRODUCT

FILE COVERS 1982 TO 1 Mar 2007 (20070301/ED)

```
#####
#           !!! ATTENTION !!!
#
#   Welcome to IMSPRODUCT. A special subscriber rate is
#   available to purchasers of the IMSworld publication,
#   Drug Launches.
#
#   For detailed information regarding eligibility and
#   authorization for this subscriber discount, please contact
#   IMS HEALTH Customer Services directly by phone
#   at +44(0)20-7393-5888, or email globaldirect@uk.imshealth.com
#   See HELP SUBSCRIPTION for more information.
#
#####
#
```

The file name was changed from DRUGLAUNCH to IMSPRODUCT on 7 Dec. 2003.
The file name DRUGLAUNCH is now an alias for IMSPRODUCT.

FILE IPA

FILE COVERS 1970 TO 1 MAR 2007 (20070301/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE JICST-EPLUS
FILE COVERS 1985 TO 5 MAR 2007 (20070305/ED)

The database producer has informed us that as of March 31, 2007, they will no longer provide updates for the JICST-EPLUS file. Therefore, effective March 31, 2007, JICST-EPLUS will be removed from STN.

FILE KOSMET
FILE LAST UPDATED: 5 MAR 2007 <20070305/UP>
FILE COVERS 1968 TO DATE.

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION IS AVAILABLE
IN THE BASIC INDEX (/BI) FIELD <<<

FILE LIFESCI
FILE COVERS 1978 TO 18 Jan 2007 (20070118/ED)

FILE MEDLINE
FILE LAST UPDATED: 10 Mar 2007 (20070310/UP). FILE COVERS 1950 TO DATE.

All regular MEDLINE updates from November 15 to December 16 have been added to MEDLINE, along with 2007 Medical Subject Headings (MeSH(R)) and 2007 tree numbers.

The annual reload will be available in early 2007.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE NAPRALERT

FILE COVERS 1650 TO 8 AUG 2005 (20050808/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

The NAPRALERT File is no longer being updated. *****

FILE NLDB
FILE COVERS 1988 TO 13 Mar 2007 (20070313/ED)

FILE NUTRACEUT
FILE LAST UPDATED: 27 FEB 2007 <20070227/UP>
FILE COVERS MAY 1996 TO DATE

FILE PASCAL
FILE LAST UPDATED: 12 MAR 2007 <20070312/UP>
FILE COVERS 1977 TO DATE.

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION IS AVAILABLE
IN THE BASIC INDEX (/BI) FIELD <<<

FILE PCTGEN
FILE LAST UPDATED: 8 MAR 2007 <20070308/UP>
MOST RECENT PCT PUB DATE: 8 MAR 2007 <20070308/PD>

PCTGEN CURRENTLY CONTAINS 4,770,199 BIOSEQUENCES

>>> DOWNLOAD THE PCTGEN WORKSHOP MANUAL:
http://www.stn-international.de/training_center/bioseq/pctgen_wm.pdf

>>> DOWNLOAD COMPLETE PCTGEN HELP AS PDF:
http://www.stn-international.de/training_center/bioseq/pctgen_help.pdf

>>> DOWNLOAD RUN BLAST/GETSIM FREQUENTLY ASKED QUESTIONS:
<http://www.stn-international.de/service/faq/dgenefaq.pdf> <<<

FILE PHARMAML
FILE LAST UPDATED: 12 MAR 2007 <20070312/UP>
FILE COVERS 1992 TO DATE

<<< DISPLAY PRICES FOR THE MOST CURRENT 4-WEEKS INFORMATION
DIFFER FROM THE PREVIOUS ONES ==> see HELP COST >>>

FILE PHIC
FILE COVERS CURRENT RECORDS AND IS UPDATED DAILY
FILE LAST UPDATED: 12 MAR 2007 (20070312/ED)

FILE PHIN
FILE COVERS 1980 TO 9 MAR 2007 (20070309/ED)

FILE SCISEARCH
FILE COVERS 1974 TO 8 Mar 2007 (20070308/ED)

SCISEARCH has been reloaded, see HELP RLOAD for details..

FILE TOXCENTER
FILE COVERS 1907 TO 6 Mar 2007 (20070306/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

The MEDLINE file segment has been updated with 2007 MeSH terms.and
See HELP RLOAD for details.

TOXCENTER thesauri in the /CN, /CT, and /MN fields incorporate the
MeSH 2007 vocabulary.

FILE USPATFULL
FILE COVERS 1971 TO PATENT PUBLICATION DATE: 13 Mar 2007 (20070313/PD)
FILE LAST UPDATED: 13 Mar 2007 (20070313/ED)
HIGHEST GRANTED PATENT NUMBER: US7191469
HIGHEST APPLICATION PUBLICATION NUMBER: US2007056070
CA INDEXING IS CURRENT THROUGH 13 Mar 2007 (20070313/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 13 Mar 2007 (20070313/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2006
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2006

FILE USPAT2
FILE COVERS 2001 TO PUBLICATION DATE: 8 Mar 2007 (20070308/PD)
FILE LAST UPDATED: 8 Mar 2007 (20070308/ED)
HIGHEST GRANTED PATENT NUMBER: US2005244797
HIGHEST APPLICATION PUBLICATION NUMBER: US2007056067
CA INDEXING IS CURRENT THROUGH 6 Mar 2007 (20070306/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 8 Mar 2007 (20070308/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Oct 2006

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Oct 2006

FILE STNGUIDE
FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Mar 9, 2007 (20070309/UP).

=>

L17 ANSWER 1 OF 9 USPATFULL on STN
 AN 2006:282074 USPATFULL
 TI Novel compounds with high therapeutic index
 IN Chandran, V. Ravi, Allen, TX, UNITED STATES
 PI US 2006241017 A1 20061026
 AI US 2006-343557 A1 20060130 (11)
 RLI Continuation-in-part of Ser. No. WO 2004-US24901, filed on 29 Jul 2004,
 PENDING
 PRAI US 2003-491331P 20030729 (60)
 DT Utility
 FS APPLICATION
 LREP SCULLY SCOTT MURPHY & PRESSER, PC, 400 GARDEN CITY PLAZA, SUITE 300,
 GARDEN CITY, NY, 11530, US
 CLMN Number of Claims: 39
 ECL Exemplary Claim: 1
 DRWN 10 Drawing Page(s)
 LN.CNT 8798
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 DETD . . . p, q inflammation
 IM Injection 2-200 mg/ml 5-150 mg/ml 10-100 mg/ml
 His, Tyr, Ser, Nor, Arg, Val, Pro, His, Tyr,
 especially from
 Topical Cream 0.001-5% 0.01-2.5% 0.1-2%
 Phe, Trp, Hyp, Hsr, Car, Thr, Arg, Phe, Trp,
 infections, tissue
 Ort, Cav, Asn, Gln, Can,. . . mg 10-350 mg 25-250 mg
 His, Tyr, Ser, Nor, Arg, Val, Pro, His, Tyr,
 l, n, o, p, q fibrostatic breast
 Oral Liquid 2-500 mg/ 10-350 mg/ 25-250 mg/
 Phe, Trp, Hyp, Hsr, Car, Thr, Arg, Phe, Trp,
 disease
 5 ml 5. . .
 DETD . . . treatment of psoriasis
 Preferred Forms
 Glu, Met, Ala, Val, Pro, Asp, Glu, Met, Ala, Gly
 k, l, o, p and acne especially
 Topical Gel 0.01-0.3% 0.02-0.25%
 0.025-0.125% His, Tyr, Ser, Nor, Arg, Val, Pro, His, Tyr,
 those caused by
 Phe, Trp, Hyp, Hsr,. . . Val, Pro, His, Tyr,
 acting on cell
 day day day
 Phe, Trp, Hyp, Hsr, Car, Thr, Arg, Phe, Trp,
 membrane changing
 Topical Cream 0.01-10% 0.1-5% 0.5-2%
 Ort, Cav, Asn, Gln, Can, Gln, Asn, Cys and
 its permeability
 Tau, Djk, GABA, Cys, Ser,. . . j, l, treating cancer,
 Preferred Forms
 Glu, Met, Ala, Val, Pro, Asp, Glu, Met, Ala, Val & Sar
 o, p especially breast
 IM Injection 2-1250 mg/ 10-1000 mg/ 20-500 mg/
 His, Tyr, Ser, Nor, Arg, Val, Pro, His, Tyr,
 cancer
 5 ml 5. . .
 IT 51-35-4, Hydroxyproline 52-90-4, Cysteine, reactions 56-12-2, GABA,
 reactions 56-40-6, Glycine, reactions 56-41-7, L-Alanine, reactions
 56-45-1, L-Serine, reactions 56-84-8, L-Aspartic acid, reactions
 56-85-9, L-Glutamine, reactions 56-86-0, L-Glutamic acid, reactions
 56-87-1, L-Lysine, reactions 56-89-3, Cystine, reactions 60-18-4,
 L-Tyrosine, reactions 61-90-5, L-Leucine, reactions 63-68-3,
 L-Methionine, reactions 63-91-2, L-Phenylalanine, reactions 70-26-8,

Ornithine 70-47-3, L-Asparagine, reactions 71-00-1, L-Histidine,
 reactions 72-18-4, L-Valine, reactions 73-22-3, L-Tryptophan,
 reactions 73-32-5, L-Isoleucine, reactions 74-79-3, L-Arginine,
 reactions 99-66-1, Valproic acid 103-90-2, Acetaminophen 107-35-7,
 Taurine 107-97-1, Sarcosine 147-85-3, L-Proline, reactions
 305-84-0, Carnosine 327-57-1, L-Norleucine 498-59-9, Djenkolic acid
 541-88-8 543-38-4, Canavanine 672-15-1, L-Homoserine 2078-54-8,
 Propofol 4530-20-5 5538-51-2, Acetylsalicyloyl chloride 5680-80-8
 7738-22-9 13500-53-3 15098-69-8 15761-39-4 16597-50-5
17230-88-5, Danazol 21209-51-8 30588-71-7 59865-13-3,
 Cyclosporin A 74103-07-4 120202-66-6 170850-75-6
 (preparation of amino acid derivs. with high therapeutic index)

L17 ANSWER 2 OF 9 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
 DUPLICATE 1
 AN 2006:153331 BIOSIS
 DN PREV200600151873
 TI Mastalgia - A review of management.
 AU Olawaiye, Alexander; Withiam-Leitch, Matthew; Danakas, George; Kahn, Kenneth [Reprint Author]
 CS SUNY Coll Buffalo, Dept Obstet Gynecol, Womens and Childrens Hosp, 219 Bryant St, Buffalo, NY 14222 USA
 kenrkahn@buffalo.edu
 SO Journal of Reproductive Medicine, (DEC 2005) Vol. 50, No. 12, pp. 933-939.
 CODEN: JRPMAP. ISSN: 0024-7758.
 DT Article
 LA English
 ED Entered STN: 1 Mar 2006
 Last Updated on STN: 1 Mar 2006
 AB. . . to two-thirds of women at some time during their reproductive lives. It is usually benign, but the fear of underlying **breast** cancer is why many women present for evaluation. Mastalgia can be associated with premenstrual syndrome, fibrocystic **breast** disease, psychologic disturbance and, rarely, **breast** cancer. Occasionally, extramammary conditions, like Tietz syndrome, present as mastalgia. A thorough clinical evaluation is required to assess the cause. The majority of women can be reassured after a clinical evaluation. Approximately 1.5% require pain-relieving therapy. Mechanical **breast** support; a low-fat, high-carbohydrate diet; and **topical** nonsteroidal anti-inflammatory agents are reasonable first-line treatments. Hormonal agents, such as bromocriptine, tamoxifen and danazol, have all demonstrated efficacy in. . .
 RN **17230-88-5** (danazol)

L17 ANSWER 3 OF 9 CAPLUS COPYRIGHT 2007 ACS on STN DUPLICATE 2
 AN 2004:589389 CAPLUS
 DN 141:128856
 TI Pharmaceutical formulations for treatment of breast diseases
 IN DiPiano, Gerianne Tringali; Mays, Peter Kevin
 PA Femmepharma, Inc., USA
 SO PCT Int. Appl., 18 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004060322	A2	20040722	WO 2004-US23	20040102
	WO 2004060322	A3	20050407		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ				

AU 2004203700 A1 20040722 AU 2004-203700 20040102
CA 2511995 A1 20040722 CA 2004-2511995 20040102
US 2004229813 A1 20041118 US 2004-751056 20040102
EP 1578421 A2 20050928 EP 2004-700078 20040102
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
JP 2006515026 T 20060518 JP 2005-518791 20040102
PRAI US 2003-437778P P 20030102
WO 2004-US23 W 20040102

AB Formulations for **topical** or local administration of drugs directly to the **breast** or chest to produce a regional or local effect with lower systemic drug levels than when an effective amount is administered systemically are disclosed herein. In a preferred embodiment, the drug is administered to the surface of the **breast**, areola, or directly to the nipple. The formulations provide increased patient comfort, increased bioavailability and relatively high blood levels in the region to be treated with a reduction of side effects compared to those administered systemically. The preferred formulations contain drugs in the form of micro- or nanoparticles, which may be formed of drug alone or in combination with an excipient or carrier. The excipient or carrier may modify the release rates or enhance absorption into the affected area. The drug formulation may be in the form of a cream, lotion or foam. Skin permeability of danazol was clearly enhanced in the presence of 5% oleyl alc. The permeability of danazol was approx. 13-fold greater by using the carrier that contained 5% oleyl alc. in propylene glycol, relative to the carrier that contained 100% propylene glycol.

IT Drug delivery systems
(**topical**; pharmaceutical formulations for treatment of breast diseases)

IT 17230-88-5, Danazol
RL: PKT (Pharmacokinetics); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(pharmaceutical formulations for treatment of breast diseases)

L17 ANSWER 4 OF 9 USPATFULL on STN
AN 2004:292724 USPATFULL
TI Pharmaceutical preparations for treatments of diseases and disorders of the breast
IN DiPiano, Gerianne Tringali, Malvern, PA, UNITED STATES
Mays, Peter Kevin, Philadelphia, PA, UNITED STATES
PA Femme Pharma, Inc. (U.S. corporation)
PI US 2004229813 A1 20041118
AI US 2004-751056 A1 20040102 (10)
PRAI US 2003-437778P 20030102 (60)
DT Utility
FS APPLICATION
LREP PATREA L. PABST, PABST PATENT GROUP LLP, 400 COLONY SQUARE, SUITE 1200,
ATLANTA, GA, 30361
CLMN Number of Claims: 19
ECL Exemplary Claim: 1
DRWN 1 Drawing Page(s)
LN.CNT 518
CAS INDEXING IS AVAILABLE FOR THIS PATENT..

AB Formulations for **topical** or local administration of drugs directly to the **breast** or chest to produce a regional or local effect with lower systemic drug levels than when an effective amount is administered systemically are disclosed herein. In a preferred embodiment, the drug is administered to the surface of the **breast**, areola, or directly to the nipple. The formulations provide increased patient comfort, increased bioavailability and relatively high blood levels in. . .

SUMM [0018] Non-steroidal anti-inflammatory drugs (NSAIDs) are sometimes prescribed for the treatment of **breast** pain. A prospective

study of the effectiveness of the **topical** application of NSAIDs as a gel formulation was carried out in 26 women with severe **breast** pain. A **topical** NSAID gel was applied as required and provided rapid relief of pain with no side effects in 81% of the. . .

SUMM [0020] Milt efosine (also known as MILTEX® and hexadecylphosphocholine) has been used **topically** to treat cutaneous manifestations of metastatic **breast** cancer. See e.g. C. Unger et al., Cancer Treat Rev 17: 243-246 (1990); J. Terwogt et al., Br J Cancer, . . . et al., J Clin Oncol, 19: 4150-4159 (2001). These reports indicate that the cytostatic drug, milt efosine, is useful to treat **topical** lesions arising from a primary neoplasia event in the **breast**. However, the drug does not treat neoplastic lesions within the **breast** tissue and the cutaneous metastatic tissue need not be localized to **breast** skin. Therefore, the drug is merely acting **topically** at the site of administration. Further, the drug is not effective at treating the underlying disease of the **breast**.

SUMM [0023] It is a further object of the present invention increase the bioavailability of drug administered **topically** to the **breast** or chest as compared to drugs administered systemically.

SUMM [0024] Formulations for **topical** or local administration of drugs other than non-steroidal antiinflammatories or analgesics such as lidocaine, such as hormones (and hormone releasing compounds) and analogs thereof, and chemotherapeutic agents, directly to the **breast** or chest to produce a regional or local effect with lower systemic drug levels than when an effective amount is administered systemically are disclosed herein. In a preferred embodiment, the drug is administered to the surface of the **breast**, areola, or directly to the nipple. The formulations provide increased patient comfort, increased bioavailability and relatively high blood levels in.

DETD [0035] The drug is delivered to the **breast** tissue via local, **topical** or percutaneous delivery with suitable excipients or carriers to enable and/or enhance drug penetration. Suitable carriers or excipients may enhance. . .

DETD [0043] The formulations are preferably administered **topically** to the surface of the **breast** or chest, transported transdermally and delivered to **breast** tissue. The compositions are administered to treat diseases and disorders of the **breast**, chest and the underlying musculature. In particular, the compositions may be administered to treat benign diseases of the **breast**, including mastalgia, mastodynia, Mondor's disease, fibrocystic **breast** disease, costochondritis, mastitis, Paget's disease of the areola, fibroadenoma, **breast** abscess, and **breast** infections. Typically these will be administered at least once a day or as needed.

CLM What is claimed is:

1. A drug formulation comprising a drug in an amount effective to provide relief from diseases or disorders of the **breast** in a pharmaceutically acceptable carrier for **topical** administration to the **breast**, wherein the drug is not a non-steroidal antiinflammatory or analgesic.

10. A method for treating a disease or disorder of the of the **breast**, chest or underlying musculature comprising **topically** administering to the patient a drug formulation suitable for local or regional delivery comprising an effective amount of drug to. . .

IT 17230-88-5, Danazol
(pharmaceutical formulations for treatment of breast diseases)

reserved on STN

DUPPLICATE 3

AN 2004232971 EMBASE

TI Evidence for the management of mastalgia.

AU Gumm R.; Cunnick G.H.; Mokbel K.

CS Prof. K. Mokbel, Brunel Inst. Cancer Genet./P., Consultant Breast and Endocr. Surg., St. George's Hospital, Blackshaw Road, London SW17 0QT, United Kingdom. kefahmokbel@hotmail.com

SO Current Medical Research and Opinion, (2004) Vol. 20, No. 5, pp. 681-684.

Refs: 30

ISSN: 0300-7995 CODEN: CMROCX

CY United Kingdom

DT Journal; (Short Survey)

FS 006 Internal Medicine

010 Obstetrics and Gynecology

030 Pharmacology

037 Drug Literature Index

038 Adverse Reactions Titles

LA English

SL English

ED Entered STN: 9 Jul 2004

Last Updated on STN: 9 Jul 2004

AB Mastalgia is the commonest **breast** symptom presenting to general practitioners and **breast** surgeons alike. To make a full assessment of the cause, all patients require a full history, examination and, sometimes, investigations... . . and bromocriptine, but these have a higher side-effect profile and are rarely indicated nowadays. Newer treatments include lisuride maleate and **topical** non-steroidal anti-inflammatory preparations.

RN (caffeine) 30388-07-9, 58-08-2; (tamoxifen) 10540-29-1; (danazol)

17230-88-5; (bromocriptine) 25614-03-3; (lisuride maleate)

19875-60-6

L17 ANSWER 6 OF 9 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN

AN 2001019211 EMBASE

TI Sports brassiere: Is it a solution for mastalgia?.

AU Abdel Hadi M.S.A.

CS Dr. M.S.A. Abdel Hadi, Department of Surgery, King Fahd Hospital of the University, P.O. Box 2208, Alkhobar 31952, Saudi Arabia.
abdelhadi_m@hotmail.com

SO Breast Journal, (2000) Vol. 6, No. 6, pp. 407-409. .

Refs: 11

ISSN: 1075-122X CODEN: BRJOFK

CY United States

DT Journal; Article

FS 003 Endocrinology

009 Surgery

017 Public Health, Social Medicine and Epidemiology

037 Drug Literature Index

038 Adverse Reactions Titles

LA English

SL English

ED Entered STN: 25 Jan 2001

Last Updated on STN: 25 Jan 2001

AB **Breast** pain is a very common complaint in women presenting to the outpatient department. It causes a certain degree of discomfort,. . . a chronic course. Many patients are unsatisfied with prescribed medications and tend to discontinue treatment when side effects develop. Active **breast** movement on its weak suspensory ligaments may contribute considerably to mastalgia. Good **external** support by sports brassieres can relieve most of the patient's symptoms.

RN (danazol) 17230-88-5

L17 ANSWER 7 OF 9 DRUGU COPYRIGHT 2007 THE THOMSON CORP on STN
AN 1992-11452 DRUGU T S E
TI Elimination of Ovulation and Menstrual Cyclicity (with Danazol) Improves Dysphoric Premenstrual Syndromes.
AU Halbreich U; Rojansky N; Palter S
LO Buffalo, New York, United States
SO Fertil.Steril. (56, No. 6, 1066-69, 1991) 1 Fig. 25 Ref.
CODEN: FESTAS ISSN: 0015-0282
AV Department of Psychiatry, State University of New York at Buffalo, 462 Grider Street, K-Annex, Buffalo, New York 14215, U.S.A.
LA English
DT Journal
FA AB; LA; CT
FS Literature
AB. . . did not respond to initial placebo therapy. DA was withdrawn because of skin rash, increased headache, nausea and vomiting, decreased **breast size**, **external stress** and improvement of symptoms. DA also caused hot flushes, weight gain, bloatedness, acne, vaginal infection and craving for sweets.. . .
ABEX. . . 1 with skin rash and increased headache, respectively. 4 Patients withdrew in mth 2 with nausea and vomiting (2), decreased **breast size** (1), **external stress** and improvement of symptoms (1). DA also caused hot flushes in 3 patients, weight gain and bloatedness in 9,. . .

RN [01] 17230-88-5

L17 ANSWER 8 OF 9 BIOTECHNO COPYRIGHT 2007 Elsevier Science B.V. on STN
AN 1986:16120681 BIOTECHNO
TI Endocrine-responsive pancreatic carcinoma: Steroid binding and cytotoxicity studies in human tumor cell lines
AU Benz C.; Hollander C.; Miller B.
CS Cancer Research Institute, University of California, San Francisco, CA 94143, United States.
SO Cancer Research, (1986), 46/5 (2276-2281)
CODEN: CNREA8
DT Journal; Article
CY United States
LA English
AB. . . pancreatic cancer by comparing human (MiaPaCa, Colo-357, RWP-1, RWP-2) and rodent (AR42j) pancreatic tumor cell lines with cultured estrogen receptor-positive **breast** cancer cells (MCF-7, T47-D). The four human pancreatic tumors contain measurable levels of specific estradiol binding sites with dissociation constants (K(d)) that range from 1 to 9 nM, in contrast to the higher-affinity binding sites measured in the **breast** cancer cells (K(d) <= 1 nM). Growth of one pancreatic tumor line (MiaPaCa) is stimulated 40% above control by exposure. . .
CT. . . *pancreas carcinoma; radioisotope; cell culture; human; rat; tumor cell line; pancreas; priority journal; endocrine system; in vitro study; pharmacokinetics; intoxication; **topical** drug administration; human cell; animal cell; **breast**
RN (17beta (n,n diethylcarbamoyl) 4 methyl 4 aza 5alpha androstan 3 one) 73671-86-0; (danazol) 17230-88-5; (dexamethasone) 50-02-2; (estradiol) 50-28-2; (fluoxymesterone) 76-43-7; (hydrocortisone) 50-23-7; (medroxyprogesterone acetate) 71-58-9; (progesterone) 57-83-0; (promegestone) 34184-77-5; (tamoxifen) 10540-29-1
CN Drug Trade. . .

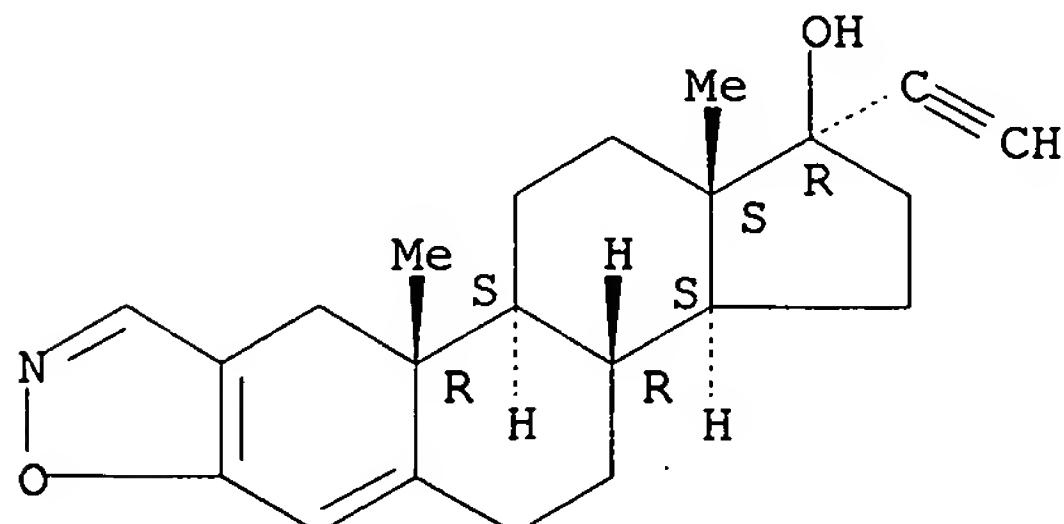
L17 ANSWER 9 OF 9 EMBASE COPYRIGHT (c) 2007 Elsevier B.V. All rights reserved on STN
AN 82104496 EMBASE
DN 1982104496

TI Female pseudohermaphroditism with somatic chromosomal anomaly in association with in utero exposure to danazol.
AU Peress M.R.; Kreutner A.K.; Mathur R.S.; Williamson H.O.
CS Sect. Reprod. Endocrinol. Infertil., Dept. Obstet. Gynecol., Med. Univ. South Carolina, Charleston, SC 29425, United States
SO American Journal of Obstetrics and Gynecology, (1982) Vol. 142, No. 6 I, pp. 708-709. .
CODEN: AJOGAH
CY United States
DT Journal
FS 038 Adverse Reactions Titles
037 Drug Literature Index
010 Obstetrics and Gynecology
022 Human Genetics
003 Endocrinology
021 Developmental Biology and Teratology
005 General Pathology and Pathological Anatomy
LA English
ED Entered STN: 9 Dec 1991
Last Updated on STN: 9 Dec 1991
AB Female pseudohermaphroditism is characterized by XX karyotype, female internal reproductive organs, but ambiguous **external** genitals, usually as a result of in utero exposure to excess androgens. Such androgens may be of exogenous, fetal, or. . . of female pseudohermaphroditism with in utero exposure to danazol. This compound has been used in the treatment of endometriosis, fibrocystic **breast** disease, precocious puberty, dysfunctional uterine bleeding, and angioneurotic edema.
RN (danazol) 17230-88-5

=>

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 17230-88-5 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Pregna-2,4-dien-20-yne[2,3-d]isoxazol-17-ol, (17 α)- (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 17 α -Pregna-2,4-dien-20-yne[2,3-d]isoxazol-17-ol (8CI)
 CN 1H-Cyclopenta[7,8]phenanthro[3,2-d]isoxazol-1-ol, 1-ethynyl-
 2,3,3a,3b,4,5,10,10a,10b,11,12,12a-dodecahydro-10a,12a-dimethyl- (7CI)
 CN 1H-Cyclopenta[7,8]phenanthro[3,2-d]isoxazole, pregnna-2,4-dien-20-yne[2,3-
 d]isoxazol-17-ol deriv.
 OTHER NAMES:
 CN 17 α -Pregna-2,4-dien-20-yne-[2,3-d]isoxazole-17 β -ol
 CN Bonzol
 CN Chronogyn
 CN Cyclomen
 CN **Danazol**
 CN Danazolum
 CN Danocrine
 CN Danol
 CN Danovaol
 CN Danzol
 CN Ladogal
 CN NSC 270916
 CN Win 17757
 CN Winobanin
 FS STEREOSEARCH
 MF C22 H27 N O2
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO,
 CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHEM,
 DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IMSPATENTS, IPA, MEDLINE,
 MRCK*, MSDS-OHS, PHAR, PROMT, PS, RTECS*, SPECINFO, TOXCENTER, USAN,
 USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)

Absolute stereochemistry.



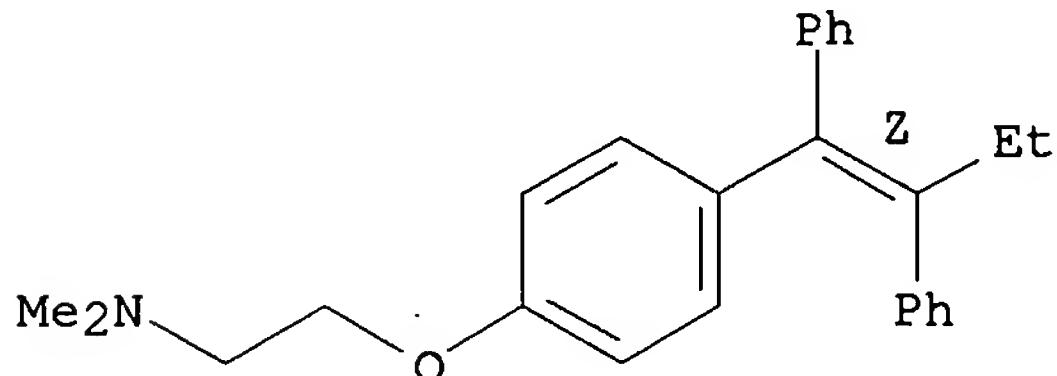
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

779 REFERENCES IN FILE CA (1907 TO DATE)
 15 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 781 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN
RN 10540-29-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN Ethanamine, 2-[4-[(1Z)-1,2-diphenyl-1-buten-1-yl]phenoxy]-N,N-dimethyl-
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Ethanamine, 2-[4-(1,2-diphenyl-1-butene)phenoxy]-N,N-dimethyl-, (Z)-
CN Ethanamine, 2-[4-[(1Z)-1,2-diphenyl-1-butene]phenoxy]-N,N-dimethyl- (9CI)
CN Ethylamine, 2-[p-(1,2-diphenyl-1-butene)phenoxy]-N,N-dimethyl-, (Z)-
(8CI)
OTHER NAMES:
CN (Z)-2-[4-(1,2-Diphenyl-1-butene)phenoxy]-N,N-dimethylethanamine
CN ICI 47699
CN Mammaton
CN Tamoxifen
CN trans-Tamoxifen
CN Z-Tamoxifen
FS STEREOSEARCH
MF C26 H29 N O
CI COM
LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*,
BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX,
CHEMLIST, CIN, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, HSDB*, IMSCOSEARCH,
IMSPATENTS, IPA, MEDLINE, MRCK*, MSDS-OHS, PHAR, PROMT, PS, RTECS*,
SCISEARCH, SPECINFO, TOXCENTER, ULIDAT, USAN, USPAT2, USPATFULL, VETU
(*File contains numerically searchable property data)
Other Sources: EINECS**, WHO
(**Enter CHEMLIST File for up-to-date regulatory information)

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

7479 REFERENCES IN FILE CA (1907 TO DATE)
175 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
7509 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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